

6.1 Answers, p. 417

24. -5

28. 256

32. 27

36. -1.83

40. 50.57

44. 8.74

47. Sample $27^{\frac{1}{3}} = 3$, $81^{\frac{1}{4}} = 3$

54. -2.17

56. -2.47

58. ± 2.45

* 59.

$a > 0$, 2 intersections = 2 real solutions
 $a = 0$, one, $a < 0$ no real sol.

60. ≈ 6 cm

62. butter 2.7%
 chicken 2.3%
 eggs 1.8%
 sugar 4.0%

